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GALVANIC PRINTING & PLATE CO., INC.

50 Commercial Avenue, Moonachie, N.J. 07074 | (201) 939-3600 | Fax 460-7866
info@galvanicprinting.com | www.galvanicprinting.com

December 19, 2002

Mr. Seth Ausubel
Remedial Project Manager
United States Environmental Protection Agency
Region II
Emergency & Remedial Response Division
290 Broadway, 19th Floor
New York, NY 10007-1866

RE: Reply to request for information regarding the Berry's Creek Study Area, Bergen County, NJ

Dear Mr. Ausubel:

You, having granted us a 30-day extension to December 21st, 2002, we are sending you our response to the above mentioned study. We have cooperated to the best of our ability, answering each and all questions honestly and fully as it relates to our business operation. We have signed and had notarized the documents that we have prepared.

If you should have questions on any of our responses, please feel free to call Gary Danis at 908-273-1212

Very truly yours,

Frederick K. Moss
Vice President

Galvanic Printing & Plate Co., Inc.

FKM/lt

cc: Clay Monroe
Asst. Regional Counsel
Office of Regional Counsel
290 Broadway, 17th Floor
New York, NY 10007

Gary F. Danis, PE
Counselor at Law
Cooper, Rose & English, LLP
480 Morris Avenue
Summit, NJ 07901

Mr. John K. Moss
President
Galvanic Printing & Plate Co., Inc.
50 Commercial Avenue
Moonachie, NJ 07074

82608



E P A

1 Request For Information

- a) **Galvanic Printing & Plate Co., Inc.**
50 Commercial Avenue
Moonachie, NJ 07074
- b) Corporation - was organized originally in New York State.
- c) John K. Moss, President
50 Commercial Avenue
Moonachie, NJ 07074
- d) Subsidiary:
Flexi Printing Plate Co., Inc., 50 Commercial Avenue, Moonachie, NJ 07074
Frederick K. Moss, President
- e) **Galvanic Printing & Plate Co., Inc.** was re-incorporated in the state of New Jersey as a New Jersey Corporation in 1979. The company was originally incorporated in New York State in 1915. The agent for service of process is John K. Moss.
Flexi Printing Plate Co., Inc. was re-incorporated as a New Jersey Corporation in 1978, originally was incorporated in New York State in 1957. The agent for service of process is Frederick K. Moss.
- f) **Galvanic Printing & Plate Co., Inc.** is a successor from Galvanic Printing Plate & Matrix Co., Inc., incorporated in 1915 in New York.
Fotoflex Engravers Co., Inc., 50 Commercial Avenue, Moonachie, NJ 07074
Frederick K. Moss, President, was incorporated in New York State in 1964. The company was a subsidiary of Flexi/Galvanic and was disbanded in 1996.

- 2 40-50 Commercial Avenue, Moonachie, New Jersey 07074
Lot #2, Block #61, resides on approximately $\frac{3}{4}$ acres. Building is approximately 27,000 sq. ft. on two floors.

- 3 **Galvanic Printing & Plate Co., Inc.** is currently a multi-color sheet-fed offset printer. Up to the beginning of 1974, the company was a stereotyping company that manufactured advertising matrices. Upon moving from 9 Barrow Street, New York City, to 50 Commercial Avenue, Moonachie, New Jersey in November 1974, the company changed from being a stereotyping company to producing offset printing, which is what the company engages in currently. Thus the name was changed from Galvanic Printing Plate & Matrix Co., Inc., to the current name of Galvanic Printing & Plate Co., Inc.

Flexi Printing Plate Co., Inc. produces molded rubber flexographic printing plates and in 1981 additionally began producing photopolymer flexographic printing plates.

Fotoflex Engravers Co., Inc. produced film negatives, offset printing plates, and engravings.

4 The company purchased the “site” in 1971. Block 61, Lot 2, Moonachie, NJ. The Company leased the “site” to a coffee filter manufacturing company from 1971 – 1972; leased the “site” to a desk accessory manufacturing company from 1973 – September 1974. Galvanic; Flexi; Fotoflex; moved to the “site” in November 1974.

5 The original building on the “site” was one story, approximately 10,700 square feet. It previously housed a metal testing laboratory.

6 GALVANIC PRINTING & PLATE CO., INC.

Services performed at the “site”:

a – b – d; c = none

Bindery – 1974 to present

Camera Work – 1996 to present

Computer Color Separating – 1990 to present

Electronic Imaging – 1986 to present

Fulfillment – 1974 to present

High Volume Copying – 1974 – 1976

Mailing Services – 1974 – 1980

Offset Platemaking – 1996 to present

Offset Printing – 1974 to present

FLEXI PRINTING PLATE CO., INC.

Services performed at the “site”:

a – b – d; c = none

Artwork (mechanical black & white) – 1974 – 1986

Camera Work – 1996 to present

Computer Art – 1986 to present

Engraving – 1996 to present

Flexographic Plate Mounting – 1978 to present

Flexographic Sleeve Making – 1986 to present

Molded Rubber Plates – 1974 to present

Photographic Negatives – 1996 to present

Photopolymer Printing Plates – 1981 to present

Proofing Ink Packaging/Sales – 1982 to present

FOTOFLEX ENGRAVERS CO., INC.

Services performed at the “site”:

a – b – d; c = none

Camera Work – 1974 – 1996

Engravings – 1974 – 1996

Offset Plates – 1974 – 1996

Photographic Negatives – 1974 – 1996

7 **Fotoflex Engravers Co., Inc.** ceased operations in 1996 at the “site” whereas its products; camera work, offset platemaking, and engravings were enveloped into Flexi/Galvanic production and product offering. The precipitation of this event was due at that time to the technological nature of the business changing and the volume on these items decreasing. Further, Fotoflex Engravers Co., Inc., at that time ceased to have an outside customer base.

- 8 Galvanic Printing & Plate Co., Inc.** – We did and do develop what we believe to be hazardous wastes at our “site”. Each product is stored in the appropriate containers in which they are purchased. Upon use, they are placed in 55-gallon drums and are removed from our “site”.
(See answer to #12)

Flexi Printing Plate Co., Inc. – We did and do generate what we believe to be hazardous waste at our “site”. Each product is stored in the appropriate containers in which they are purchased. Some are neutralized and put down the sanitary sewer, others are transported and recycled at an offsite source. The recycled materials are again purchased by us and re-used in our manufacturing process.
(See answer to #12)

Fotoflex Engravers Co., Inc. – The spent materials were transported off “site” recycled and sold back to us for reuse.

- 9** There have been environmental permits issued to the “site”.

- a) EPA Hazardous Waste Activity Permit NJD980753677:
- b) Annual Life Hazard Use Registration #0237-55223-001-01 (use code 8F21)
- c) 0237-55223-001-02 (use code BD08)

10 GALVANIC PRINTING & PLATE CO., INC.

Film Fixer
Isopropyl Alcohol
Machine Oil
Printing Ink
Printing Roller Wash

FLEXI PRINTING PLATE CO., INC.

Naptha
Nitric Acid
Solvit QD
Top Remover

FOTOFLEX ENGRAVERS CO., INC.

Perchloroethylene
Tetrachloroethylene

11 GALVANIC PRINTING & PLATE CO., INC.

- a) Isopropyl Alcohol – Purchased from 1974 to the present and stored in 6-gallon plastic pails in which they are purchased in 5 pail lots per ordering (One particular pail is on-hand at time of reordering.) Used in the dampening system of the offset press.
- b) Lithographic Printing Ink – Stored in 5-lb. metal cans in which they are purchased from 1974 to the present. Approximately 1,000 lbs. stored at anyone time. Waste ink is placed in 55 gallon U/N approved metal drum, and when filled is removed from the “site”.
- c) Machine Oil – Purchased from 1974 to present, in a 55-gallon metal drum and is stored in such until the time needed. Upon oil changes in the machines, the waste is stored in a 55-gallon metal drum for removal from “site”.
- d) Photographic Film Fixer – Purchased in a 5-gallon polyethylene cube-a-tainers, 15 gallons are stored at any one time. Upon being spent in the film-processing machine, it passes thru the silver recovery unit two times. The fixer is then placed into polymer 55-gallon drum, and upon being filled it is removed from the “site”.
- e) Printing Cleaning Solvent – Contained in a Safety Kleen Co. supplied wash tube, with a 20-gallon reservoir, which houses the wash solvent. When ink colors are changed at the printing press, the press wash-up trays collect the residue ink. They are then cleaned in the above-mentioned tub using the wash solvent housed therein. After six weeks, Safety Kleen Co. pumps the waste solvent out, removes it from the “site”, then replenishing the tank with fresh wash solvent.

FLEXI PRINTING PLATE CO., INC.

- a) Naptha – Stored in 5-gallon metal pails in which it is purchased. Two pails ordered at a time. A partial pail is in use at the time of order. It is used in the cleaning process of removing proofing ink from the engravings from 1996 to present.
- b) Nitric Acid - Purchased and stored in 55-gallon stainless steel drums. Two drums purchased at a time. A partial drum is in use at the time of order. It was used from 1974 to 1996 by Fotoflex Engravers Co., Inc., and then from 1997 to present by Flexi Printing Plate Co., Inc.
- c) Solvit QD – Purchased in 55-gallon steel drums. Three-four drums purchased at any one time, with one in use at time of purchase, from 1998 to present. It is used to “washout” the unexposed polymer from the photopolymer printing plates.
- d) Top Remover – Purchased from 1998 to present and stored in 2; 5-gallon plastic pails at anyone time used.

FOTOFLEX ENGRAVERS CO., INC.

- a) Perchloroethylene (mixture) – 75% Perch, 25% Butyl Alcohol - Was purchased and stored in 55-gallon metal drums, two drums at a time. (One working and one or two with spent perchloroethylene. Upon ordering new perchloroethylene, the spent material was removed and recycled from 1981 to 1990.
- b) Tetrachloroethylene (mixture) – 75% Tetra, 25% Normal Bulyl Alcohol - Was purchased and stored in 55-gallon metal drums, 2 drums at a time. (Additional one working, plus one or two spent, totaling approximately 5 or 6 drums at any one time from 1990 to 1989.

12 GALVANIC PRINTING & PLATE CO., INC.

- a) Isopropyl Alcohol is consumed in the dampening system of the offset press.
- b) Lithographic Printing Ink is taken off the "site" by:
The Safety Kleen Systems and transported to Safety Kleen Systems, 1200 Sullivan Street, Linden, New Jersey 07036
- c) Machine Oil is taken off the "site" by:
The Safety Kleen Systems and transported to Safety Kleen Systems, 1200 Sullivan Street, Linden, New Jersey 07036
- d) Photographic Film Fixer is taken off the "site" by:
The Safety Kleen Systems and transported to Safety Kleen Systems, 1200 Sullivan Street, Linden, New Jersey 07036
- e) Printing Cleaning Solvent is taken off the "site" by:
The Safety Kleen Systems and transported to Safety Kleen Systems, 1200 Sullivan Street, Linden, New Jersey 07036

FLEXI PRINTING PLATE CO., INC.

- a) Naptha is consumed in the cleaning of the proofing ink from engravings.
- b) Nitric acid, after being spent in the processing bath, is drained to a stainless steel holding tank. The wash water from the cleaning of the processing machine is also collected at the same time in the holding tank. It is then neutralized using soda ash. Upon reading with the PH meter, approximately 7.0, it is then discharged to the sanitary drain.
- c) Solvit QD, upon being spent in the wash-our process, is collected in 55-gallon metal drums and is taken off "site" by Engov Ltd. To be distilled by Engov Ltd., 490 Century Blvd., Wilmington, DE 19808. It is then replenished with a slight amount of Virgin Solvit QD and resold to us to be used again for the processing cycle.
- d) Top remover is kept in a 30-gal "dip tank". Upon completion of the etching process, the engraving is dipped into the tank, which softens the photosensitive resistance top. It is then brushed and washed into the holding tank – neutralized and put down the sanitary drain.

FOTOFLEX ENGRAVERS CO., INC.

- a) Perchloroethylene was pumped into the processing machine. Upon being spent from the washout process, it was discharged back into the steel drums and removed by first, Clean Venture, Inc., then to Cycle Chem Inc., 217 S. First Street, Elizabeth, NJ 07206, from 1986 to 1989 (approximately).
- b) Tetrachloroethylene was pumped from the 55-gallon drum into the processing machine. Upon being spent from the washout process, it was discharged back into an empty steel drum and removed by Pride Solvents, to their facility at Pride Solvents and Chemicals, 78-88 Lamar Street, West Babylon, NY 11704, from 1989 to 1998 (approximately).

13 GALVANIC PRINTING & PLATE CO., INC.

Joseph Walker
50 Commercial Avenue
Moonachie, NJ 07074

John K. Moss
50 Commercial Avenue
Moonachie, NJ 07074

FLEXI PRINTING PLATE CO., INC.

Ronald Rex
40 Commercial Avenue
Moonachie, NJ 07074

Frederick K. Moss
40 Commercial Avenue
Moonachie, NJ 07074

14 Not Applicable

15 None

16 Completed form on page #5

17 Not Applicable

18 Not Applicable

19 Not Applicable

20 Joseph Walker

Pressroom Foreman
50 Commercial Avenue
Moonachie, NJ 07074

10 - 11 - 12

Ronald Rex
Flexographic Manager
40 Commercial Avenue
Moonachie, NJ 07074

10 - 11 - 12

Gary F. Danis, PE
Counselor at Law
Cooper, Rose & English, LLP
480 Morris Avenue
Summit, NJ 07901

All

Donald Maurer
Shapiro Lieberman Accountants
210 Sylvan Avenue
Englewood Cliffs, NJ 07632

#1 - #7

John K. Moss
President
50 Commercial Avenue
Moonachie, NJ 07074

All

21 Phase I Environmental Site Assessment

Request for Information Regarding Chemical Releases to the Berry's Creek Study Area

* * *

Instructions: As instructed in Question 16, please complete this form by marking the appropriate spaces. Indicate whether each of the chemicals listed has ever been released from the Site to the Berry's Creek Study Area, including creeks, ditches, or other water bodies, or wetlands. Follow additional instructions below. Return the completed form along with your other responses to the Request for Information in the Matter of the Berry's Creek Study Area, Bergen County, New Jersey. N/A signifies no information available.

	Yes	No	N/A
acenaphthene		✓	✓
acenaphthylene		✓	✓
anthracene		✓	✓
aluminum		✓	✓
antimony		✓	✓
arsenic		✓	✓
benz(a)anthracene		✓	✓
benzene		✓	✓
benzo(a)pyrene		✓	✓
benzo(b)fluoranthene		✓	✓
benzo(g,h,i)perylene		✓	✓
benzo(k)fluoranthene		✓	✓
bis(2-ethylhexyl)phthalate		✓	✓
butyl benzyl phthalate		✓	✓
cadmium		✓	✓
chlorinated dibenzo-p-dioxins (if "yes", please list specific dioxin compounds on a separate sheet)		✓	✓
chlorinated dibenzofurans (if "yes", please list specific compounds on a separate sheet)		✓	✓
chlorobenzene		✓	✓
chloroform		✓	✓
chromium		✓	✓
chrysene		✓	✓
copper		✓	✓
cyanide		✓	✓
dibenz(a,h)anthracene		✓	✓
dichlorobenzene		✓	✓
1,2-dichloroethene		✓	✓
di-n-butyl phthalate		✓	✓
1,2-dichlorobenzene		✓	✓
1,2-dichloroethane		✓	✓
dieldrin		✓	✓
di-n-octyl phthalate		✓	✓
ethylbenzene		✓	✓
fluoranthene		✓	✓

	Yes	No	N/A
fluorene		✓	✓
hexachlorobenzene		✓	✓
indeno(1,2,3-cd)pyrene		✓	✓
lead		✓	✓
manganese		✓	✓
mercury		✓	✓
methylene chloride		✓	✓
methyl ethyl ketone		✓	✓
methyl mercury		✓	✓
2-methylnaphthalene		✓	✓
naphthalene		✓	✓
nickel		✓	✓
pentachlorophenol		✓	✓
petroleum hydrocarbons		✓	✓
phenanthrene		✓	✓
phenol		✓	✓
polychlorinated biphenyls (if "yes" please list specific congeners and aroclors on a separate sheet)		✓	✓
polycyclic aromatic hydrocarbons (if "yes", please list specific compounds on a separate sheet, if not listed on this page)		✓	✓
pyrene		✓	✓
selenium		✓	✓
silver		✓	✓
1,1,2,2-tetrachloroethane		✓	✓
tetrachloroethylene		✓	✓
thallium		✓	✓
toluene		✓	✓
1,2-trans dichloroethylene		✓	✓
1,1,1-trichloroethane		✓	✓
trichloroethylene		✓	✓
vinyl chloride		✓	✓
xylene		✓	✓
zinc		✓	✓

Frederick K. Moss

Name of person completing form

Galvanic Printing & Plate Co., Inc.

Company

50 Commercial Avenue
Moonachie, NJ 07074

Site (as defined in the "Instructions")

CERTIFICATION OF ANSWERS TO REQUEST FOR INFORMATION

State of New Jersey

County of Bergen:

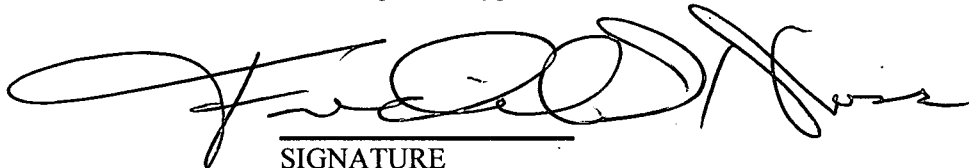
I certify under penalty of law that I have personally examined and am familiar with the information submitted in this document (response to EPA Request for Information) and all documents submitted herewith, and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the submitted information is true, accurate, and complete, and that all documents submitted herewith are complete and authentic unless otherwise indicated. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment. I am also aware that my company is under a continuing obligation to supplement its response to EPA's Request for Information if any additional information relevant to the matters addressed in EPA's Request for Information or the company's response thereto should become known or available to the company.

Frederick K. Moss

NAME (print or type)

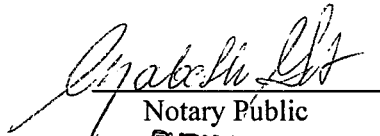
Vice President

TITLE (print or type)


SIGNATURE

Sworn to before me this

19th day of December, 2002.


Notary Public
ELIZABETH GUT
NOTARY PUBLIC OF NEW JERSEY
MY COMMISSION EXPIRES JULY 8, 2006